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4. *Coleosporium ochraceum* Bon. Spec. Coniomycet., p. 20.—Ad *Agrimoniae parviflorae* Ait. folia viva. St. Louis, Mo. Leg. Eggert.

5. *Coleosporium Solidaginis* Thuem. in Torrey Botan. Club Bulletin VI. p. 216.—In foliis vivis *Solidaginis* sempervirentis Lin. St. Louis, Mo. Leg. Engelmann.

6. *Phyllosticta cruenta*, Kickx. Rech. Fl. mycol. Flandre IV, p. 22—Ad *Polygonati racemosi* Monch. folia languida. St. Louis, Mo. Leg. Eggert.

7. *Phyllosticta cornicola*, Rabh. in Klotzsch, Herb. mycol. Ser. I. No. 454.—In *Corni sericei* L'Herit. foliis vivis. Grinnell, Iowa. Leg. E. Jones.

8. *Septoria Pileae*, Thuem. *nov spec.*—S. peritheciis epiphyllis, sparsis vel solitariis, mediis, hemisphaerico-applanatis, subemersis, nigris in macula irregularia, arescendo sordide ochro-grisea, latissime fusco-olivaceo cincta, subtus concolori; sporis bacillaribus, minime arcuatulis, continuis, utrinque acutatis, hyalinis, 22–24 mm. long., 1.5–2 mm. crass.—A *Septoria Urticae* Desm. valde differt sporis duplo brevioribus, continuis, anucleatis.

Ad *Pileae pumilae* Gray folia viva. St. Louis, Mo. Leg. Eggert.

§ 354. **Fern Etchings.** By JOHN WILLIAMSON, author of "Ferns of Kentucky," Louisville, Ky. John P. Morton & Co., Publishers.

The title of this handsome book does not sufficiently indicate its true character, as, by adopting the geographical range of Gray's Manual for its basis, and accompanying his plates with concise descriptions, the author has really given us a valuable, and to the amateur collector an indispensable hand-book of the ferns—with the single exception of *Adiantum Capillus-Veneris*, the recent discovery of which in Virginia was known too late for insertion—in the Northern, Middle and Eastern States.

The Plates are bona-fide etchings, printed directly from the original copper plates, and show a marked superiority over the lithographic transfers in the author's previous work.

The drawings are life-like and beautiful. The author has instinctively caught the very life and spirit of the ferns themselves, and reproduced them so naturally that they almost seem to live and grow.

The texture of the different species is admirably expressed, that of *Trichomanes radicans*, *Dicksonia*, and *Aspidium Lonchitis* being especially finely indicated. The smaller species furnish excellent examples of the author's artistic ability, while some of the larger ones show a positive genius for representing a mere section of a huge fern in such a manner as to convey an accurate idea of the character of the whole.

The plates are perhaps as well printed as could be expected from one inexperienced in the niceties of art required for this kind of work, but the clear and handsome manner in which some of them are executed makes the careless handling which has seriously marred the beauty of others all the more to be regretted, and it would have been better if the numbers at the top could have been placed elsewhere, or left off altogether.

The descriptions, with two or three exceptions, are those of Prof. Eaton, taken either from "Gray's Manual" or "Ferns of North America," and in that eminent author's usual clear style.

The text is almost wholly free from typographical errors, that which gives the dimensions of *Schizæa* in feet instead of inches being the only one noticed, and serving to call to mind a similar error in Gray's Manual where the dimensions of *Solidago altissima* is given in inches instead of feet, a typographical error so plain that one would suppose any intelligent botanist would so understand it without any explanation, yet a recent writer has seriously assumed that Prof. Gray was in error in representing that plant as only growing seven inches high!

Altogether the present work is a most creditable addition to our fern literature, and should be in the hands of all Pteridologists and Pteridophils.

G. E. D.

§ 355. *Trapa natans*.—I found this plant growing in Fresh Pond, Cambridge, Mass., several years ago, and, though it puzzled me at first, I soon traced it to the Botanical Garden and to Mr. Louis Guérineau, then gardener, who had thrown the seeds into this and other ponds. Later I carried seeds of it, and plants of *Marsilia quadrifolia* which had also been placed in the pond by Mr. Guérineau, to my friend Minor Pratt, of Concord, Mass., and very well remember our placing both seeds and plants in a pond near Sudbury River. Afterwards I think Mr. Pratt distributed more of them, and I suspect that the plant of *Trapa natans*, mentioned in the July *Bulletin* as having been taken from a pond in Concord, originated from seeds thus distributed either by Mr. Pratt or myself.

I have several times had plants of *Trapa natans* that were collected in the vicinity of Boston, during the present year, brought to me for identification, and I have never entertained a doubt as to the manner of its introduction into waters outside of the Cambridge Botanic Garden. But that so fine a plant as this, with its handsome leafy rosettes, and edible nuts, which would, if common, be as attractive to boys as hickory nuts now are, can ever become a "nuisance" I can scarcely believe.

GEO. E. DAVENPORT.

Boston, Oct., 1879.

§ 356. *Utricularia resupinata*, Greene.—The limits of this species in Gray's Manual confine it to "sandy margins of ponds, East Maine to Rhode Island." That Mr. Miller should find it in similar situations in Suffolk Co., is not strange; but now Mrs. Charles Barnes, of the Syracuse Botanical Club, has found it in the North Woods, Fenton's, No. 4, Lewis Co., New York, Aug., 1879, on the marshy shores of a lake, as we are informed. Mrs. Barnes has already made "Fenton's, No. 4" noted for *Bytrychium simplex*, vid. Davenport's monograph.

§ 357. **Gray's Botanical Text Book. Structural Botany.**—A second issue from the stereotype plates of this work, bearing the date of 1880, appeared in October. In it such typographical corrections have been made as had been indicated to the author, and two or three small alterations. The author solicits further corrections, typographical and other.

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